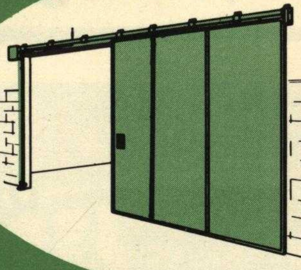
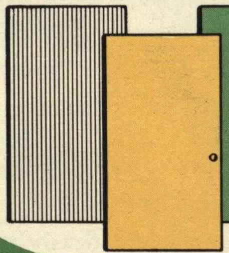
1960 CATALOG

16b
Du

D AND H *"The Complete Door Line"*



PyroDor®
SLIDING
UL Class "A"
Flush Design
(See Sweet's Architectural File $\frac{16b}{Dus}$)

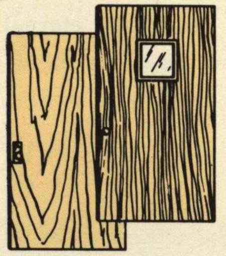


DécorDor

ALUMINUM and VINYL-ON-STEEL FLUSH DOORS
(See Sweet's Architectural File $\frac{16a}{Dui}$)

PyroDor®

Integral DOOR and FRAME UNITS



DécorDor

Mineral Core
FLUSH WOOD DOORS
(See Sweet's Architectural File $\frac{16c}{Dus}$)

FLUSH DESIGN
STEEL SWING
MANY DOOR DESIGNS
CHOICE OF FRAME TYPES
COMPLETE HARDWARE SELECTION

A. I. A. FILE NO. 16-A

DUSING and HUNT, INC., LE ROY, N. Y.

D-H

PyroDor

The Complete Door Line

Motel de Ville
Denver, Colorado
Architect: Colbert and Lowry Associates, New Orleans, La.
Contractor: Fortner Bros., Midwest Corp., Denver, Colorado
Fabricated and supplied — W. Ray Crabb, Inc.

"The Complete Door Line"

D-H DOORS - FRAMES - HARDWARE

Product listing

STEEL SWING FLUSH DOORS, FRAMES and HARDWARE
Catalog DHS2060*

ALUMINUM — VINYL-ON-STEEL FLUSH DOORS
Catalog DHSV-60*

WOOD FLUSH DOORS — Labeled and Non Labeled
Catalog DHSW-60*

SLIDING Pyro-Dors — Class A Labeled
Catalog DHSL-60*

Scaled Details on Frames available on request

** See Sweet's Architectural and Industrial Construction Files or write for copies.*

DOOR & FRAME UNITS

NOW, Dusing and Hunt, Inc. offers the most complete line of flush doors in the industry . . . including Steel, Vinyl-on-Steel, Aluminum and Wood. Architects and engineers have a wide latitude of door selections of superior construction (See listing) from one source. This catalog describes in detail the PyroDor Steel Swing Door Units with mineral core construction.

Many leading architects and engineers have long voiced the need for standard INTEGRAL steel door and frame units which have sufficient flexibility to overcome basic objections to many types of standard or custom-built units heretofore available.

Dusing and Hunt, from its more than 50 years experience in manufacturing steel door units, offers a realistic answer not only to quality, but to the eternal affliction of custom hollow metal deliveries. This solves the procurement problem for frames and doors, as they are stocked and shipped complete . . . under one responsibility for manufacturing and delivery.

We gratefully acknowledge the counsel and assistance of several of the country's leading architects, engineers and contractors in the designing of our line of INTEGRAL metal door and frame units.

Every PyroDor

with Underwriters' Label GUARANTEED FOR LIFE

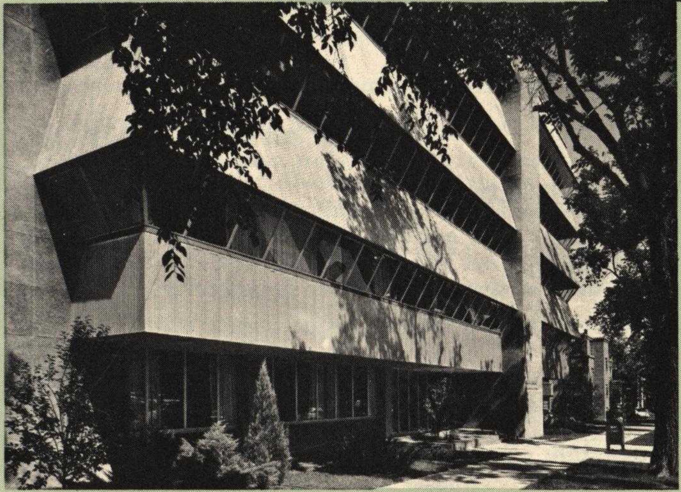
Dusing and Hunt will give a Warranty on every PyroDor against warping, twisting, shrinking, swelling or any defect in workmanship and materials — for the life of the building in which it is originally installed.

...offers flexibility of design

HOOKER RESEARCH CENTER • HOOKER CHEMICAL CORPORATION

Night view of front entrance of $3,600,000 Hooker Research Center, Grand Island, N.Y., dedicated June 2, 1959. At left, Executive offices downstairs and laboratories upstairs. At Right, Product Development offices downstairs, Research Library upstairs.

Architects: Wigton-Abbott Corp. Plainfield, N. J.
Contractor: Wigton-Abbott Corp. Plainfield, N. J.



COLUMBINE BUILDING
Denver, Colorado
Architect: Jas. A. Sudler
Contractor: Columbine Commercial Contractors

Index	Page
PyroDor Construction	4
Heat Transmission Chart	5
Models, Types and Sizes	6-7
Standard Frames	8-9
Integrated Sub-Assemblies	10-11
Underwriters' Laboratories Chart	12-13
Hardware	14-17
Specifications	18-19
Distributors' List	20

MICHIGAN BELL TELEPHONE CO.
Plymouth, Michigan
Architect: Giffels & Vallet & L. Rossetti, Detroit, Mich.
Contractor: Perron Construction Co., Detroit, Mich.

EDUCATIONAL BUILDING
St. Giles Presbyterian Church — Richmond, Virginia
Architects: Budina & Freeman-Richmond
Contractor: C. E. Nuckols-Richmond

D-H

PyroDor

The Complete Door Line

superior construction

Every PyroDor has incorporated into its basic steel construction a solid, structural mineral core. Yet, it's light in weight, remarkable in insulating properties, greater strength and completely incombustible.

CALCIUM SILICATE CORE

Calcium silicate mineral core material on all Underwriters' Labeled PyroDors has millions of microscopic air spaces — in a cubic foot the total surface of air cells would be equivalent to more than 100 acres.

- Modulus of rupture 175# per square inch
- Modulus of elasticity 160,000# per square inch
- Compressive strength 500# per square inch

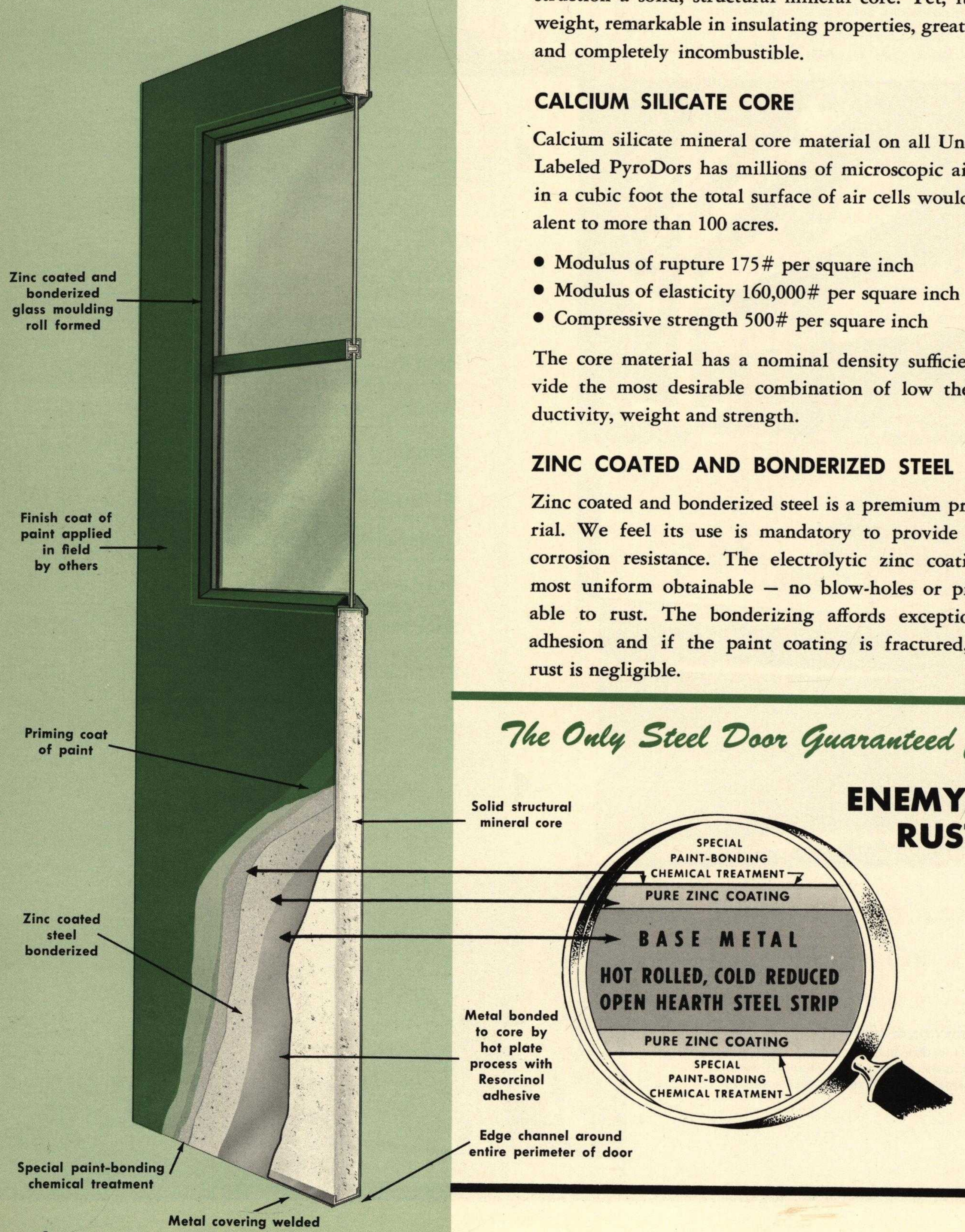
The core material has a nominal density sufficient to provide the most desirable combination of low thermal conductivity, weight and strength.

ZINC COATED AND BONDERIZED STEEL

Zinc coated and bonderized steel is a premium priced material. We feel its use is mandatory to provide maximum corrosion resistance. The electrolytic zinc coating is the most uniform obtainable — no blow-holes or pits vulnerable to rust. The bonderizing affords exceptional paint adhesion and if the paint coating is fractured, creep of rust is negligible.

The Only Steel Door Guaranteed for Life

ENEMY OF RUST


Zinc coated and bonderized glass moulding roll formed
Finish coat of paint applied in field by others
Priming coat of paint
Solid structural mineral core
Zinc coated steel bonderized
Metal bonded to core by hot plate process with Resorcinol adhesive
Edge channel around entire perimeter of door
Special paint-bonding chemical treatment
Metal covering welded to perimeter edge channel
SPECIAL PAINT-BONDING CHEMICAL TREATMENT
PURE ZINC COATING
BASE METAL
HOT ROLLED, COLD REDUCED OPEN HEARTH STEEL STRIP
PURE ZINC COATING
SPECIAL PAINT-BONDING CHEMICAL TREATMENT

advantages

corrosion resistance

The combination of solid structural core with zinc coated, bonderized steel, provides corrosion resistance heretofore unobtainable in steel doors. No problems with condensation for exterior or interior doors.

lower maintenance cost

Exterior or Interior Doors — Field studies indicate PyroDors, particularly on exterior openings, generally require less maintenance than other types. 3 or 4 repaintings can cost as much as the door did originally.

sound reduction

PyroDor, 1¾″ thick, has a rating of 35 Decibels at average frequencies of 125 to 2000. Compare this with other types of metal doors.

great strength for weight

Tests by certified testing laboratories prove PyroDors have exceptional structural resistance to corner loads, transverse loads and impact. Certified data available on request.

warp-proof

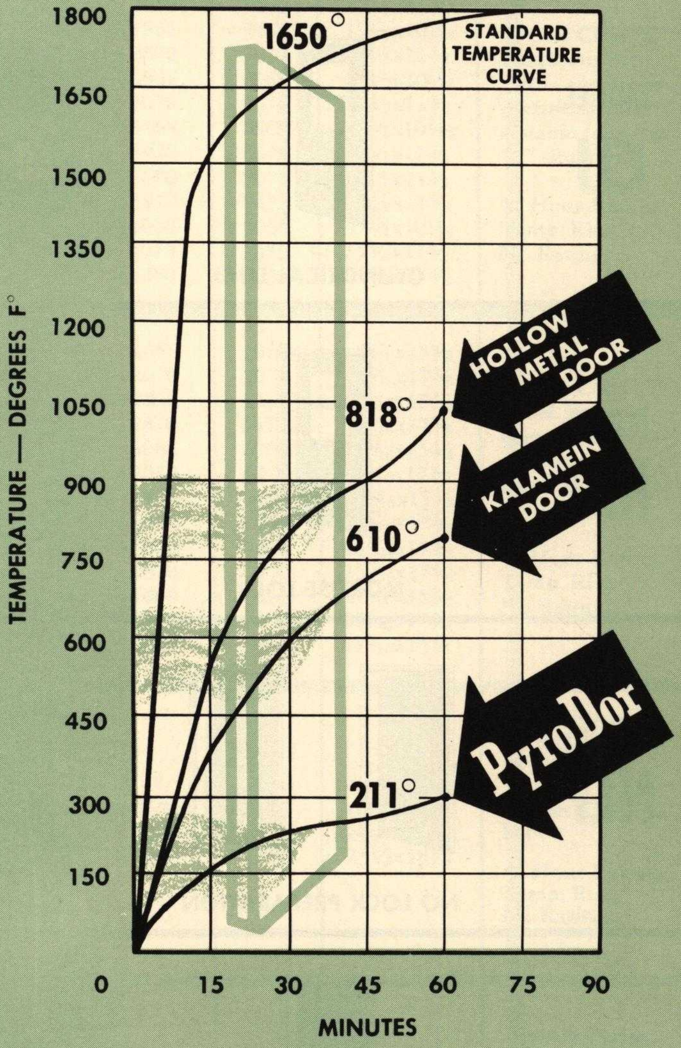
Rigid steel construction, with mineral core unaffected by temperature changes makes for sturdiness that withstands shocks of heavy traffic.

lowest heat transmission

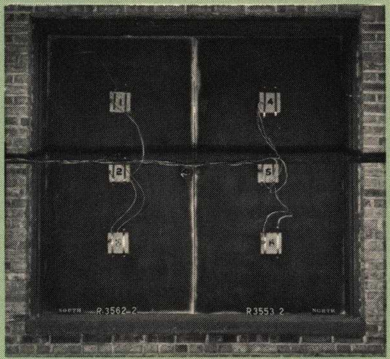
Excessive heat transmission through doors has contributed to the loss of many lives and spread of fire. In several hotel and institutional fires, loss of life was appreciably increased by lack of low heat transmission qualities in doors to rooms and stairwells. It has become increasingly recognized by fire protection authorities that fire doors must be constructed for low heat transmission as well as to retard fire:

The great superiority of PyroDors in reducing heat transmission compared to other metal door constructions is dramatically demonstrated in the adjacent chart. PROTECT LIVES AND PROPERTY WITH PyroDors. Transmitted temperatures above 250° F. will snuff out life — above 500° F. will create combustion in many situations.

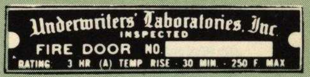
HEAT TRANSMISSION COMPARISON CHART



Taken from Fire Test Report Underwriters' Laboratories, Inc.
Others from U. S. Senate Hearings on Safety at Sea.



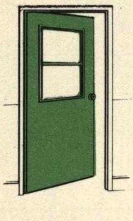
Typical PyroDor
Heat Transmission Test
at Underwriters' Laboratories, Inc.



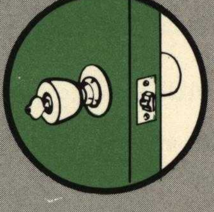
Underwriters' Laboratories, Inc.
INSPECTED
FIRE DOOR NO.
RATING 3 HR (A) TEMP RISE · 30 MIN · 250 F MAX

Flush Door Model Data

MODEL
CU



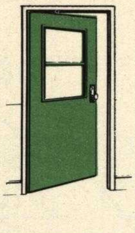
CYLINDRICAL LOCK



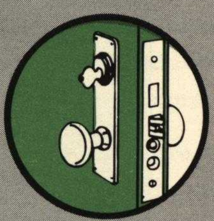
Prepared for Heavy Duty Cylindrical Locks (Government Series 161) and Template Hinges. Surface Closers.

UL Class "B", "C", "D" and "E" Situations.

MODEL
MU



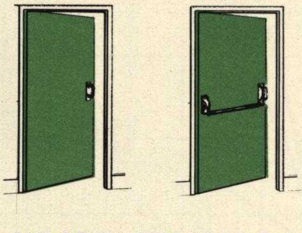
MORTISE LOCK



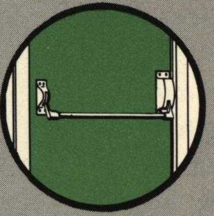
Prepared for Heavy Duty Mortise Locks (Government Series 86) and Template Hinges. Surface Closers.

UL Class "B", "C", "D" and "E" Situations.

MODEL
NLP

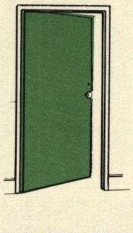


NO LOCK PREPARATION

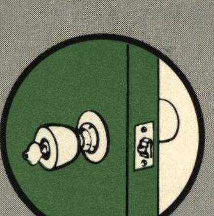


Suitable for Rim Panic Bolts, Surface Closers and other Surface Applied Hardware.

MODEL
SA



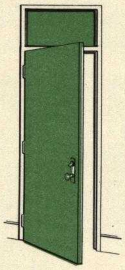
CYLINDRICAL LOCK



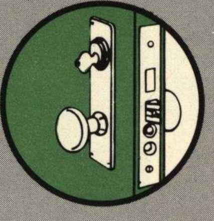
With Single Point Locks, Cylindrical or Mortise, Template Hinges, Fusible Link Closer.

Class "A", 3 Hour Test.

MODEL
STP



MORTISE LOCK

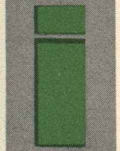
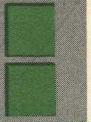
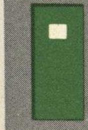
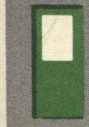
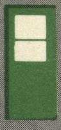


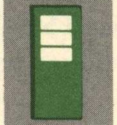
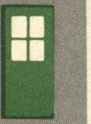
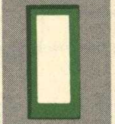
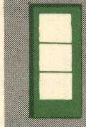
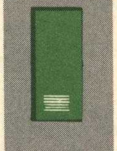
With Single Point Lock, either Heavy Duty Cylindrical or Mortise Types, Template Hinges, Surface Closers, Removable Transom Bar and Transom Panel for Clear Openings up to 10' 0" High.

Class "A", 3 Hour Test.

STANDARD PyroDor SWINGING TYPES AND SIZES

Models "CU" and "MU" labeled for class "B," "C," "D," "E" situations

door no.	opening sizes single	opening sizes pairs	glass size (inches) single or pairs width x height — each light	underwriters data and remarks
30 flush	2068 *			* Model SA Sizes indicated in green. 3 Hr. Rating Carries Class "B" Label. For stairways and vertical shafts. Also suitable for Class "C," "D" and "E" situations. 1½ Hour Rating. 250° F. Max. Temp. Rise.
	2070 *	4068 *		
	2468 *	4070 *		
	2470 *			
	2668 *			
	2670 *	5068 *		
	2868 *	5070 *		
	2870 *	5468 *		
	3068 *	5470 *		
	3070 *	6068 *		
30T 	3468 *	6070 *		
	3470 *	6868	30T - 3 Hour Max. 4070 Door with 3' Removable Transom Panel	
	3668 *	6870		
	3670 *	7068		
	3868 *	7070		
	3870 *	7470		
	4068 *	8068		
	4070 *	8070		
	4080	8080		
30D dutch doors with shelf 	2868		For Upper Glass Light Specify Type 34D	CANNOT BE LABELED
	2870			
	3068			
	3070			
	3468			
	3470			
31 flush with vision light 	2868	5468	11½x11½ Vision Light 10"x10"	Carries Class "B" Label. For stairways and vertical shafts. Also suitable for Class "C" and "E" situations. Not class "D." 1½ Hour Rating 250° F. Max. Temp. Rise.
	2870	5470		
	3068	6068		
	3070	6070		
	3468	6868		
	3470	6870		
	3670	7070		
	3870	7470		
	4070	8070		
	4080	8080		
34 flush with upper glass light 	2668	5068	17½x31⅝	Carries Class "C" Label. For corridors and room partitions. ¾ Hour Rating. Temp. Rise, No Rating.
	2670	5070	17½x35⅝	
	2868	5468	19½x31⅝	
	2870	5470	19½x35⅝	
	3068	6068	23½x31⅝	
	3070	6070	23½x35⅝	
	3468	6868	27½x31⅝	
	3470	6870	27½x35⅝	
	3670	7070	29½x35⅝	
	3870	7470	31½x35⅝	
	4068	8068	35½x31⅝	
	4070	8070	35½x35⅝	
	4080	8080	35½x47⅝	
35 flush with two upper glass lights 	2668	5068	17½x15⅜	Carries Class "C" Label. For corridors and room partitions. Also suitable for Class "E" situations. ¾ Hour Rating. Temp. Rise. No Rating.
	2670	5070	17½x17⅜	
	2868	5468	19½x15⅜	
	2870	5470	19½x17⅜	
	3068	6068	23½x15⅜	
	3070	6070	23½x17⅜	
	3468	6868	27½x15⅜	
	3470	6870	27½x17⅜	
	3670	7070	29½x17⅜	
	3870	7470	31½x17⅜	
	4068	8068	35½x15⅜	
	4070	8070	35½x17⅜	
	4080	8080	35½x23⅜	

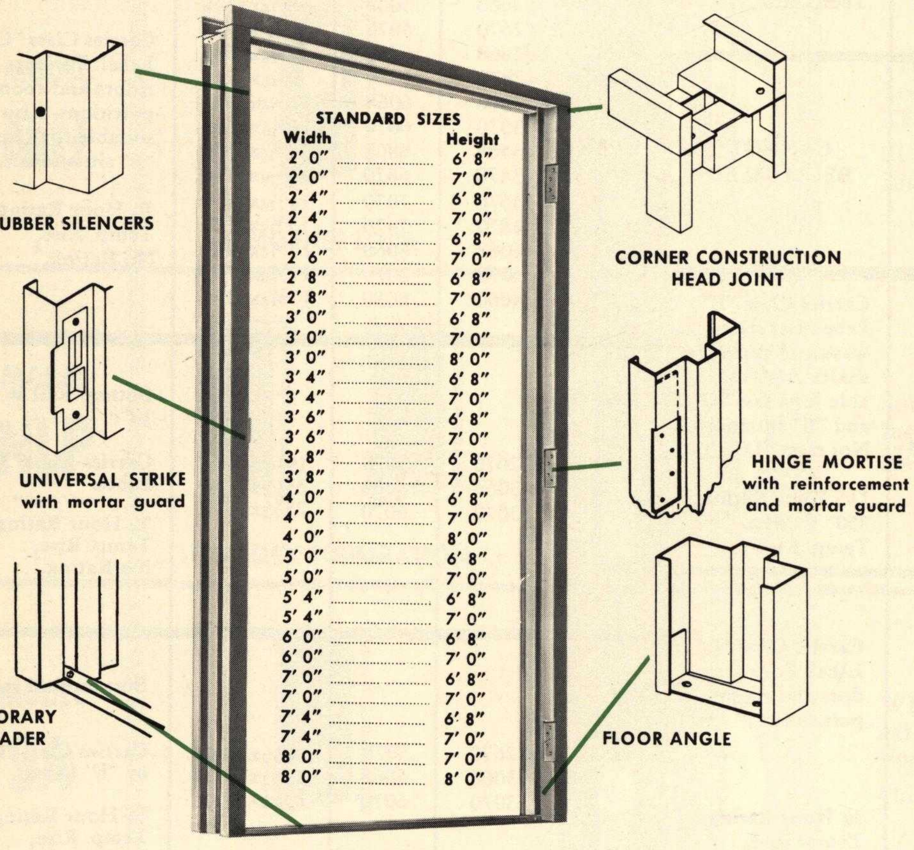
door no.	opening sizes single	opening sizes pairs	glass size (inches) single or pairs width x height — each light	underwriters data and remarks
35A flush with three upper glass lights 	2668	5068	17½x10¹⁄₁₆	Carries Class "C" Label. For corridors and room partitions. Also suitable for Class "E" situations. ¾ Hour Rating. Temp. Rise, No Rating.
	2670	5070	17½x11⅜	
	2868	5468	19½x10¹⁄₁₆	
	2870	5470	19½x11⅜	
	3068	6068	23½x10¹⁄₁₆	
	3070	6070	23½x11⅜	
	3468	6868	27½x10¹⁄₁₆	
	3470	6870	27½x11⅜	
	3670	7070	29½x11⅜	
	3870	7470	31½x11⅜	
	4068	8068	35½x10¹⁄₁₆	
	4070	8070	35½x11⅜	
	4080	8080	35½x15⅜	
36 flush with four upper glass lights 	2668	5068	8⁵⁄₁₆x15⅜	Carries Class "C" Label. For corridors and room partitions. Also suitable for Class "E" situations. ¾ Hour Rating. Temp. Rise, No Rating.
	2670	5070	8⁵⁄₁₆x17⅜	
	2868	5468	9⁵⁄₁₆x15⅜	
	2870	5470	9⁵⁄₁₆x17⅜	
	3068	6068	11⁵⁄₁₆x15⅜	
	3070	6070	11⁵⁄₁₆x17⅜	
	3468	6868	13⁵⁄₁₆x15⅜	
	3470	6870	13⁵⁄₁₆x17⅜	
	3670	7070	14⁵⁄₁₆x17⅜	
	3870	7470	15⁵⁄₁₆x17⅜	
	4068	8068	17⁵⁄₁₆x15⅜	
	4070	8070	17⁵⁄₁₆x17⅜	
	4080	8080	17⁵⁄₁₆x23⅜	
39 full glass 	2670	5070	19½x58⅞	Bottom Rail is 18". Carries Class "C" Label. ¾ Hour Rating. Temp. Rise, No Rating.
	3068	6068	23½x54⅞	
	3070	6070	23½x58⅞	
41 two muntins 	2670	5070	17½x19⅜	Bottom Rail is 18". Carries Class "C" or "E" Labels. ¾ Hour Rating. Temp. Rise, No Rating.
	3068	6068	23½x18	
	3070	6070	23½x19⅜	
42 bottom louvre 	2068			CANNOT BE LABELED
	2070			
	2468	5068		
	2470	5070		
	2668	5468		
	2670	5470		
	2868	6068		
	2870	6070		
	3068			
	3070			

Special Sizes available on Special Order. ***D & H also prepares PyroDors for Rixson No. 25 and No. 30 Hinges***

FRAMES

for wood or metal doors

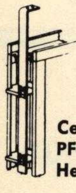
- Delivery in Days — Not Months
- Seven Profiles — Any Wall Condition
- Transoms — Sidelights — Borrowed Lights (Details, Pages 10-11)
- Cold Rolled or Zinc Coated and Bonderized Steel — 16 Gauge
- Mortised and Reinforced for Template Hinges and Locks
- Underwriters Inspected — if desired
- Universal Strikes permit use of Locks and Latches of All Major Manufacturers


RUBBER SILENCERS
UNIVERSAL STRIKE with mortar guard
TEMPORARY SPREADER
CORNER CONSTRUCTION HEAD JOINT
HINGE MORTISE with reinforcement and mortar guard
FLOOR ANGLE

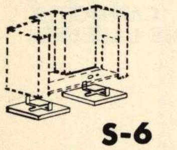
STANDARD SIZES

Width	Height
2′ 0″	6′ 8″
2′ 0″	7′ 0″
2′ 4″	6′ 8″
2′ 4″	7′ 0″
2′ 6″	6′ 8″
2′ 6″	7′ 0″
2′ 8″	6′ 8″
2′ 8″	7′ 0″
3′ 0″	6′ 8″
3′ 0″	7′ 0″
3′ 0″	8′ 0″
3′ 4″	6′ 8″
3′ 4″	7′ 0″
3′ 6″	6′ 8″
3′ 6″	7′ 0″
3′ 8″	6′ 8″
3′ 8″	7′ 0″
4′ 0″	6′ 8″
4′ 0″	7′ 0″
4′ 0″	8′ 0″
5′ 0″	6′ 8″
5′ 0″	7′ 0″
5′ 4″	6′ 8″
5′ 4″	7′ 0″
6′ 0″	6′ 8″
6′ 0″	7′ 0″
7′ 0″	6′ 8″
7′ 0″	7′ 0″
7′ 4″	6′ 8″
7′ 4″	7′ 0″
8′ 0″	7′ 0″
8′ 0″	8′ 0″

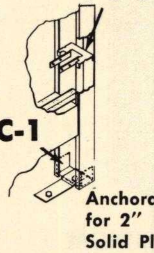
ACCESSORIES



CS-4
Ceiling Strut for PF-27 (2′6″ Height Max.)

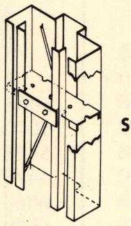


S-6
Saddle Filler Plates



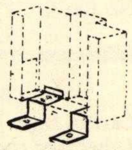
PC-1

FC-1
Anchorage for 2″ Solid Plaster Wall

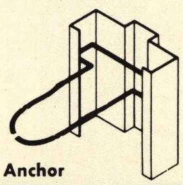


SC-3
Series

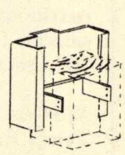
Metal Stud Anchor



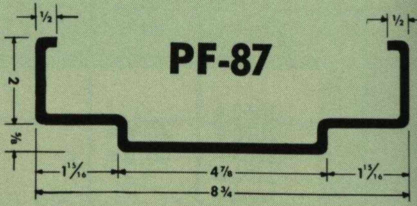
FA 5
Rough Floor Extension Angle— 1″, 1 1/2″ and 2″ Heights

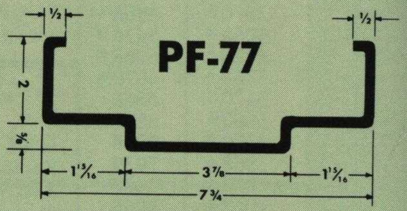


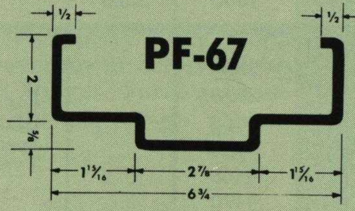
M-1
Masonry Anchor

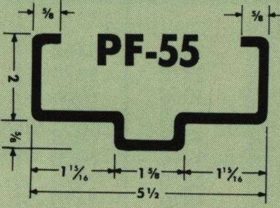


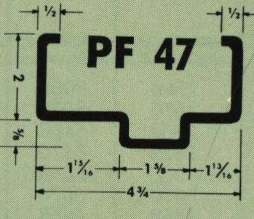
WC-2
Wood Stud Anchor

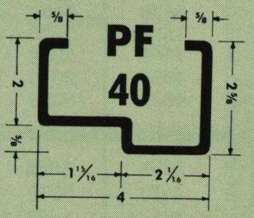


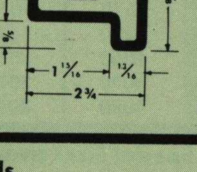








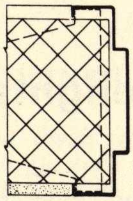


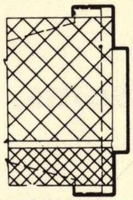


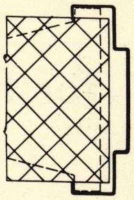
Request Form SF658 for Scaled Details

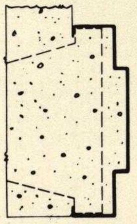
STANDARD FRAMES — TYPES AND INSTALLATION DETAILS

PFC-87

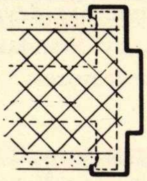

7⅝" Concrete Block

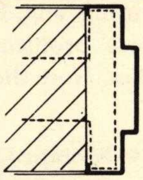

7⅝" Glazed Concrete Block

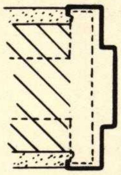

Glazed Tile

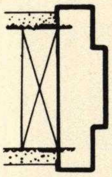

Brick, Poured Concrete or Concrete Block Wall

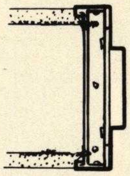
PFC-77

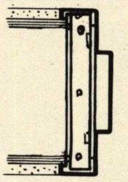

5⅝" Concrete Block or 5⅝" Hollow Tile Wall — plastered


7⅝" Concrete Block Wall

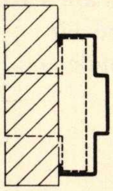

6" Pyrobar block plastered

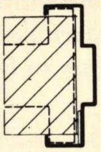

2" x 6" Stud with Wire Lath — Plastered

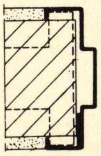

6" Steel Stud — Wire lath and Plastered

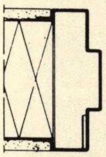

6" Steel Stud, Sheetrock — Plastered

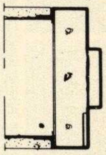
PFC-67

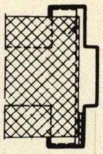

Brick, Poured Concrete or Concrete Block Wall

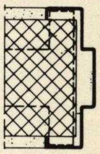

5⅝" Concrete Block Wall


5⅝" Concrete Block Wall Plastered two sides

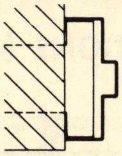

2" x 6" Stud Wall, metal lath, plastered two sides

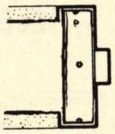

-6"" Sheetrock —Plastered

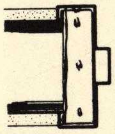

5¾" Glazed Tile Wall

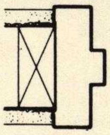

5⅝" Hollow Tile — Plastered

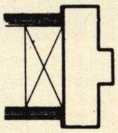
PFC-55

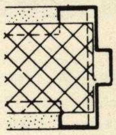

Brick, Poured Concrete or Concrete Block Wall


4" Metal Stud— Lath and Plastered

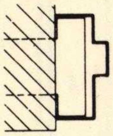

3¼" Metal Stud —½" Sheetrock —Plastered

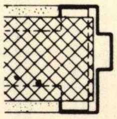

2 x 4 Stud— Metal lath Plastered

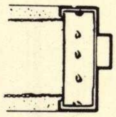

2 x 4 Stud—Dry Wall Construction

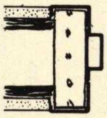

4" Hollow Tile or Pyrobar Plastered

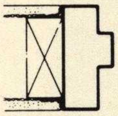
PFC-47

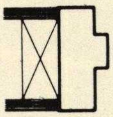

Brick, Poured Concrete or Concrete Block Wall

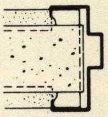

3⅜" Hollow Tile or Concrete Block Plastered


3¼" Metal Stud with Lath and Plaster

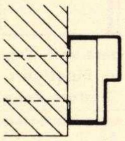

2½" Metal Stud Sheetrock— Plastered

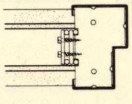

2 x 4 Stud—Metal Lath—Plastered

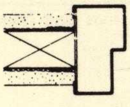

2 x 4 Stud—Dry Wall Construction

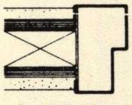

3" Pyrobar— Plastered

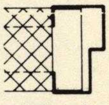
PFC-40

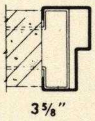

Brick, Poured Concrete or Concrete Block Wall

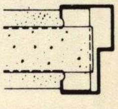

1⅝" Metal Stud Sheetrock plastered two sides


2 x 4 Stud—Metal Lath and Plaster

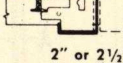

2 x 4 Stud— Sheetrock— Plastered

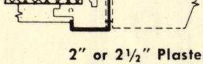

3¾" Glazed or Hollow Tile

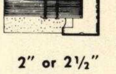

3⅝" Concrete Block Wall

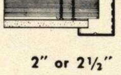

2" Pyrobar— Plastered

PFC-27


2" or 2½" Metal Lath and Solid Plaster Wall


2" or 2½" Plaster and Sheetrock Wall


2" or 2½" Dry Wall or Plastered

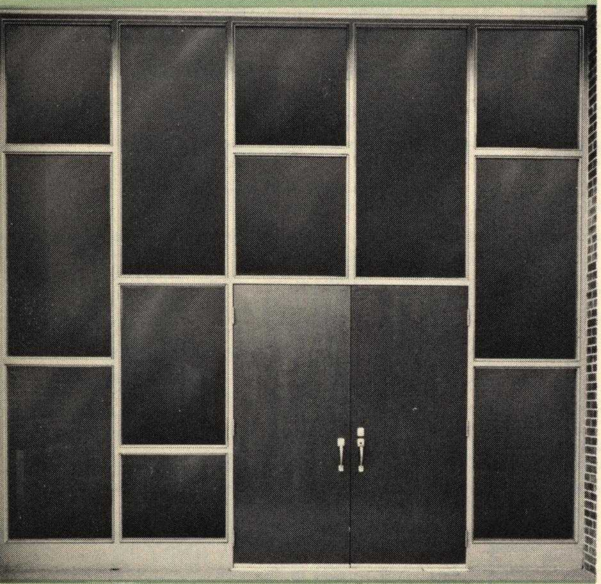

2" or 2½" Dry Wall

INTEGRATED SUB-ASSEMBLIES

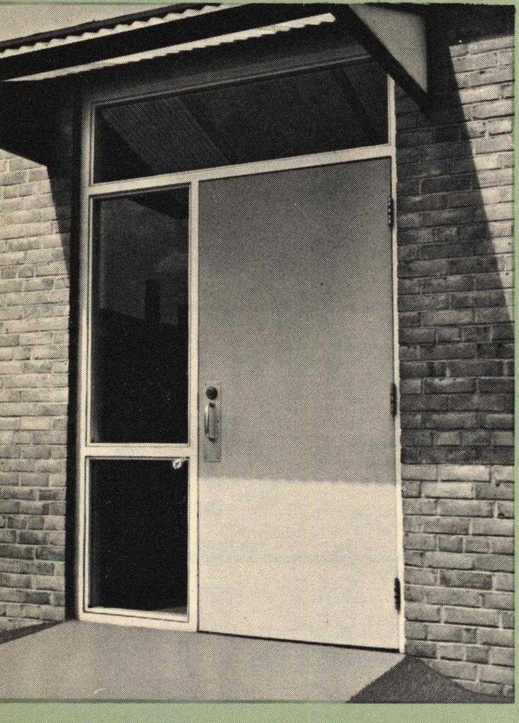
. . . for transoms, sidelights, borrowed lights

These frames are often needed first – received last – carrier damage is frequent – handling is very difficult. Dusing and Hunt has developed a system to eliminate these problems by Standardized Integrated Sub-Assemblies. Note these features:

- Prompt Delivery
- Zinc Coated and Bonderized Steel
- Narrow Mullions and Transom Bars
- Dimensions are Variable
- Machined to Fit
- Easy to Handle and Erect

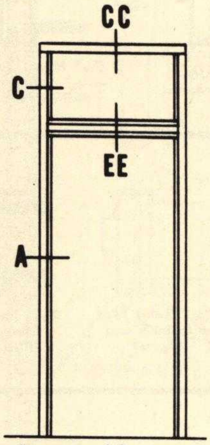


TUCKASEEGEE SCHOOL — Mecklenburg County, N. C.
Architect: Walter Hook & Associates, Charlotte, North Carolina
Contractor: G. L. Wilson Building Company, Statesville, N. C.

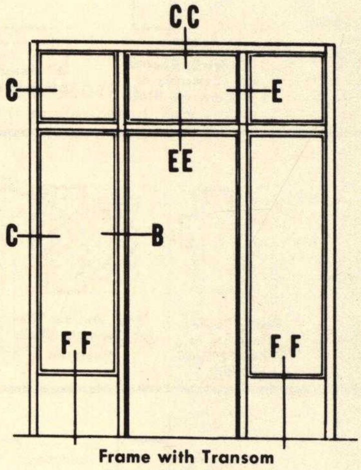


LINCOLN ELEMENTARY SCHOOL — Livonia, Michigan
Architect: Yamasaki, Leinweber Associate, Royal Oak, Michigan
Contractor: R. O. Buckland, Dearborn, Michigan

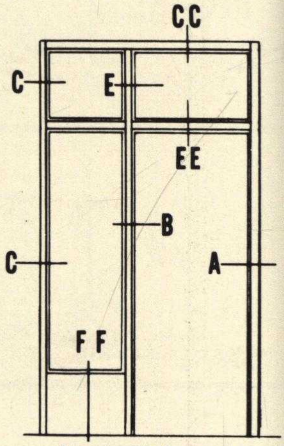
ELEVATIONS (not to scale)



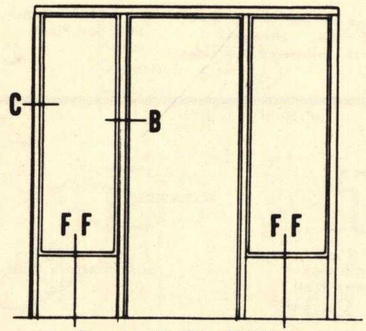
Frame and Transom



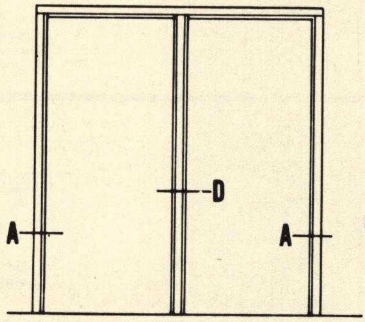
Frame with Transom
Two Sidelights and
Bottom Panels



Frame with Transom
and One Sidelight.
Opposite Side Similar



Frame with Two Sidelights

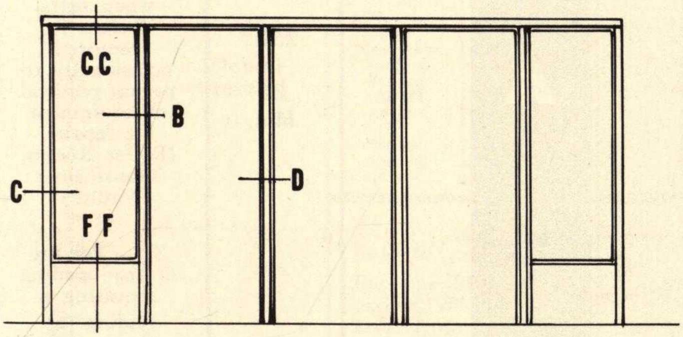


Double
Frame
with
Fixed or
Removable
Mullion

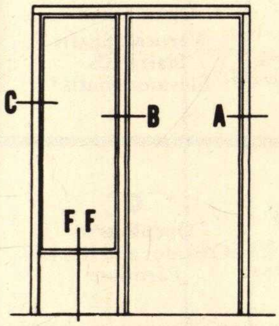
ANY KIND OF MULTIPLE OPENING IS FEASIBLE

The photographs at the left and these typical elevations are a sample of what can be done with Dusing and Hunt Integrated Sub-Assemblies. The first rational answer to the worst of all hollow metal problems.

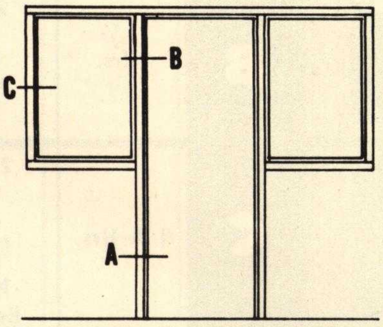
Call on your Dusing and Hunt Distributor to demonstrate the simplicity of it.



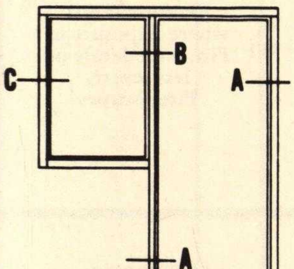
Triple Frame with Two Sidelights



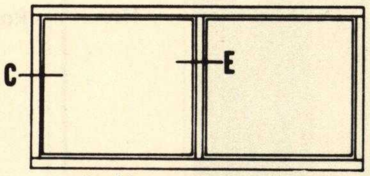
Frame with One Sidelight. Opposite Side Similar



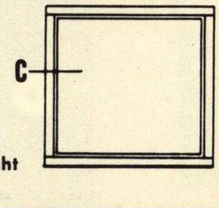
Frame with Two Borrowed Lights



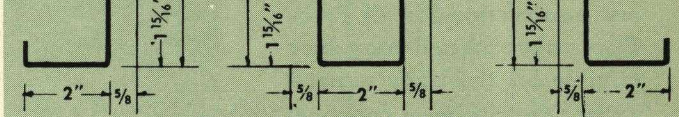
Frame with One Borrowed Light



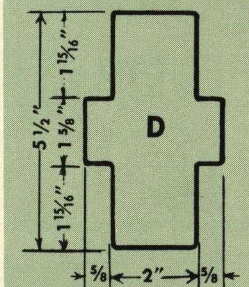
Double Borrowed Light

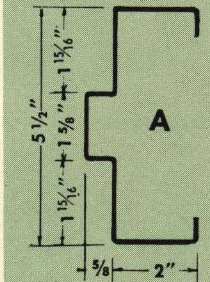


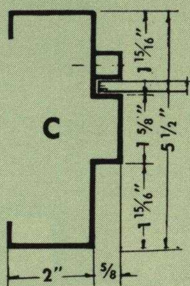
Single Borrowed Light

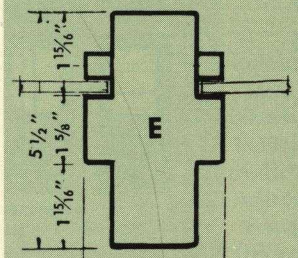


Frame With One Sidelight



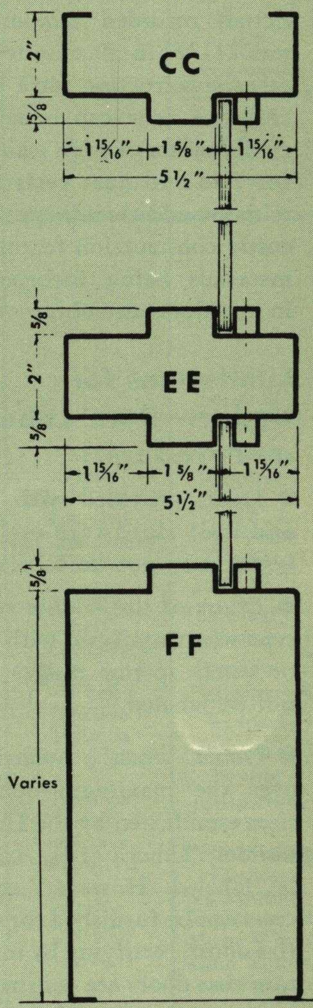






Borrowed Light With Mullion

SECTION ELEVATION
Sidelight with Transom and Bottom Panel



NOTE — PANELS MAY BE FLUSH IF DESIRED

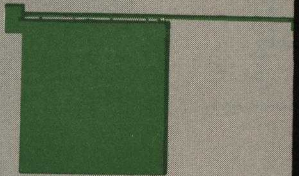
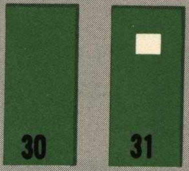
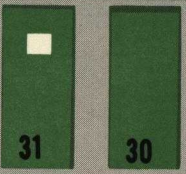
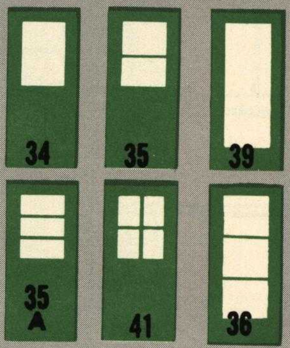
UL CHART

Underwriters' Laboratories Requirements . . .

One basic standard, revolutionary construction for all PyroDors make each and every door eligible for the Underwriters' Label. This uniform construction easily meets the standard fire exposure rating for the maximum of 3 hours and is also considerably below the required standards (250°F. max. in 30 min.) for measurement of transmitted temperatures through the door surface. Actual recorded temperature was 211°F. in 30 minutes. No other construction for a metal face fire door can equal this combination of high standards for fire and heat resistance, without additional, special or costly construction features or materials being incorporated in the door assembly.

Limitations for Underwriters' Labels on PyroDors

- Doors provided with Push and Pull Hardware or Dead Locks may not be labeled.
- Doors of the double acting type when equipped with floor or jamb spring hinges may not be labeled.
- Doors, when provided for over the maximum opening sizes established by the Underwriters' Laboratories, cannot be labeled. However, certificates can be furnished for oversize doors, certifying by inspection that doors are constructed in accordance with Underwriters' standards for labeled doors.

Model and Design	U.L. Letter Designation	Fire Exposure Rating	Heat Transmission Rating	Location in Building
SA	**A**	3 Hrs.	250° in 30 Min.	Openings in Fire Walls Curtain & Division Walls Areas to High Hazard Contents, Film Storage Vaults
STP				STP — For use in any opening when extra height is required occasionally to permit removal of equipment for repairs. (Boiler Rooms, Transformer Vaults.)
SL 				SL — For use in any opening requiring a Sliding Ⓤ Fire Door. (See Catalog — DHSL-60)
MU and CU 	**B**	1½ Hrs.	250° in 30 Min.	Openings in Vertical Shafts Stairwells Elevator Shafts
	**C**	1½ Hrs.	250° in 30 Min. Not Rated	C Openings in Corridor and Room Partitions
	**E**	¾ Hr.	Not Rated	E Openings in Exterior Walls where Exposure to Fire is moderate or less severe. Fire Escapes
	D	1½ Hrs.	250° in 30 Min.	Openings in Exterior Walls where exposure to Fire is severe

PyroDor constructed to bear Underwriters' label at no extra cost . . .

Underwriters' Laboratories, Inc
INSPECTED
FIRE DOOR NO
RATING 3 HR (A) TEMP RISE 30 MIN 250 F MAX

and Limitations

Thickness	Maximum Glass Area	Maximum Opening Sizes		HARDWARE REQUIREMENTS				
		Single	Pairs	Hinges	Locks or Latches	Panic Devices	Doors in Pairs	Closing Devices
1¾″	None Permitted	48″ x 84″	72″ x 84″	1½ Pr. Steel Weight Template 4½″ Per Door	Underwriter's Label Listed Cylindrical or Mortised Single Point Type Pairs Only Require 3/4″ Throw Latch Bolt	Mortise with Push Bar operation	SFB or SFBU (See Below)	SC-FL Series Fuse Link Door Closers
		48″ x 84″ Door Opening plus Removable Transom Bar and Panel over 120″ clearance opening height	None Permitted	Steel Series "SH"	Series SP-400 SP-2000		STP None Permitted	
		For openings not to exceed 90 sq. ft. in area. Approval pending for openings up to 120 sq. ft. in area.		Underwriter's Labeled Sliding Door "Series 700 Guardian" Hardware, Track Hangers, Guide Rollers, Binders and Intermediate Latching Devices, Door Pulls.				Automatic Sliding Door Closer D & H "PyroMatic" Device
1¾″	100 sq. in. per Opening	48″ x 96″	90″ x 96″	Steel Series "SH"	Series SP-400 SP-2000	Mortise with Push Bar operation Consult local authorities having jurisdiction where Panic Devices are required	SFB Flush Bolts for Inactive or Stationary Doors SFBU Self Latching Flush Bolts When Inactive Door is Self-Closing Lock or Latch Always Required for Active Door	Series SC Door Closer required for openings of egress SC-FL (automatic self-closing) when required by local authorities having jurisdiction Coordinating Devices Required for Doors in Pairs When Both Doors are Active
	C 1296 sq. in per light							
1¾″	E 720 sq. in. per light							
1¾″	None Permitted							

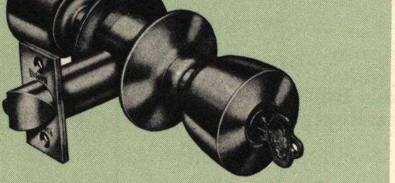
D-H

Use Quality Hardware on Quality Doors

STANDARD HARDWARE

Shown below are types most frequently used.

CYLINDRICAL LOCKS and LATCHES



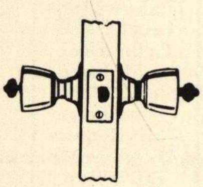
For Model CU PyroDors
Government Series 161

Russwin, or equivalent, heavy duty is standard.
Cosmic Design — Wrought Bronze or Aluminum.

Finishes
Stock — Dull Bronze US 10.
Special Order — Aluminum or Brass.

SP 456½ lock

for communicating doors

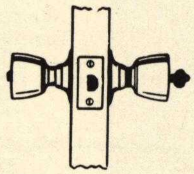


Govt. No. 161S

Latch bolt by knob either side except that key in either knob locks own knob only.
Dead locking latch.

SP 440 * lock

for front or rear doors in offices, institutions and factories

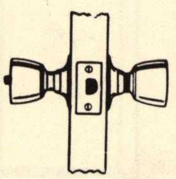


Govt. No. 161A

Latch Bolt by knob each side.
Turn Button dead locks outside knob.
Key retracts latch bolt when outside knob is locked.
Dead locking latch.

SP 426 * latch

for exit doors

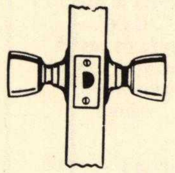


Govt. No. 161Q

Latch bolt by knob either side.
Turn button locks or unlocks outside knob.
Inside knob always free.

SP 410 * simple latch

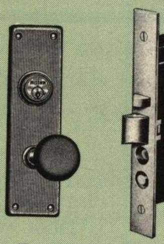
for passage doors

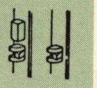


Govt. No. 161N

Latch bolt by knob either side.
Each knob always free. No key.

MORTISE LOCKS and LATCHES





anti-friction latch bolt

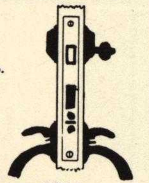
For Model MU PyroDors
Government Series 86

Russwin "Ten Strike," Heavy Duty, or equivalent, is standard.
Anti-friction Latch Bolts.
Rockford Trim-Cast.

Finishes
Stock — Dull Bronze US 10.
Special Order — Aluminum or Brass.

SP 2018½ lock *

entrances to all types building

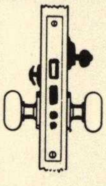


Govt. No. 123A

Similar to 121A except dead bolt operated inside by key instead of turnpiece.
Latch bolt operated by thumb piece either side, except when outside thumb piece is locked by stop in front. When thumb piece is locked, latch and dead bolts by key either side

SP 2048 lock *

for front doors — all types of buildings



Govt. No. 86A

Latch bolt operated by knob from either side *except* when outside knob is locked by stop in front. Then by key outside or knob inside.
Dead bolt operated by key outside and turn piece inside.

SP 2007 * cylinder dead lock

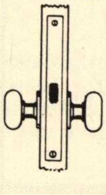
for store doors and entrances to public buildings

Govt. No. 86P

Dead bolt operated by key outside and turn piece inside.

SP 2025 simple latch *

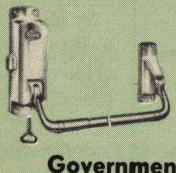
for passage and closet doors



Govt. No. 86N

Latch bolt operated by knob from either side.

PANIC EXIT DEVICES (Rim Type)



Government Series 810

Special Heavy Cast Bronze.
Car Latch with ¾" Throw.
Dogging Device at Lock Case and Pivot Bracket.

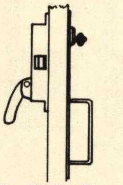
Finishes
Stock — Dull Bronze US 10.
Special Order — Satin Aluminum.
Anodized — US 28.
Dull Chrome — US 26D.

Mortise Type Devices Available on Special Order — SED 820 Series

SINGLE DOORS

SED 810

Inside and Outside Operation

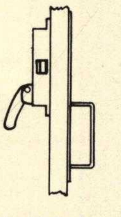


Inside by Bar
Outside by Key and Pull Handle
Outside by Pull only when Bar is dogged

Govt. No. 810H x 421

SED 811

Inside and Outside Operation

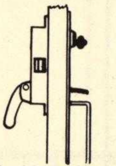


Inside by Bar
Outside by Pull Handle when Bar is dogged

Govt. No. 810H x 439

SED 812

Inside and Outside Operation



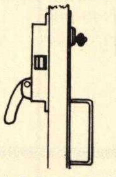
Inside by Bar
Outside by Thumb Piece when not locked
Key locks Thumb piece

Govt. No. 810H x 421 (with Thumb Piece)

PAIRS

SED 810 x SRM

Inside and Outside Operation



Both Leaves Active
Inside by Bar
Outside by Key and Pull Handle
Outside by Pull only when Bar is dogged

Govt. No. 810H x 421 x 810H

***Carried in Stock**

HARDWARE BY OTHERS — If hardware is furnished by others the following lock series of other manufacturers will fit the standard lock preparation for Model CU or Model MU PyroDors.

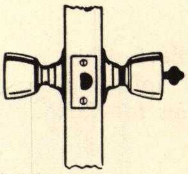
heavy duty cylindrical and mortise locks — panic exit devices . . .

D AND H

Many others available — supplemental catalog furnished on request.

SP 440⅝ * lock

for classrooms, vestibules and utility rooms

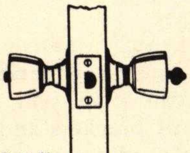


Govt. No. 161R

Latch bolt by knob either side.
Inside knob always free.
Outside knob dead locked by key in outside knob.
Dead locking latch.

SP 446 * lock

for inside office or factory doors

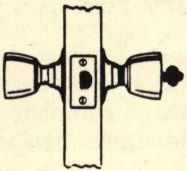


Govt. No. 161B

Latch Bolt by knob each side.
Push Button dead locks outside knob.
Inside knob always free.
Turning inside knob releases push button.
Key retracts latch bolt and releases push button.
Closing door does not release push button.
Dead locking latch.

SP 452 * lock

for utility room, store room and exit doors

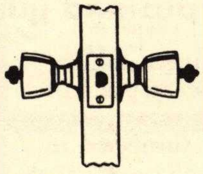


Govt. No. 161D

Latch bolt by inside knob only.
Outside knob fixed.
Latch bolt retracted by key in outside knob.
Dead locking latch.

SP 448½ lock

for institutional and communicating doors

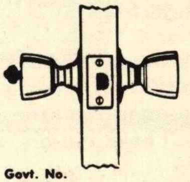


Govt. No. 161G

Latch bolt by knob either side *except* that both knobs are locked simultaneously by key in either knob. When locked can be unlocked by key only.
Dead locking latch.

SP 446½ * lock

for entrances and corridors, all types of buildings

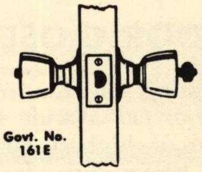


Govt. No. 161C

Latch bolt by knob each side.
Inside knob always free.
Outside knob dead locked by key in inside knob.
Key in outside knob retracts latch boit when knob is locked.
Dead locking latch.

SP 435 lock

for rest rooms and public station doors



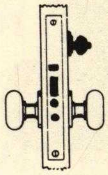
Govt. No. 161E

Latch bolt by knob either side.
Button of inside knob locks outside knob.
Latch bolt can be retracted by key in outside knob.
Locking button released by turning inside knob by outside key or closing door, spanner holes in head and can be fixed in locking position with spanner key.
Dead locking latch

SP 2056 lock *

for corridors and vestibule doors

Govt. No. 86E

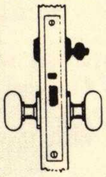


Latch bolt operated by knob either side except when outside knob is locked by stop in front. By key outside at all times. Auxiliary latch dead locks latch bolt and stop, preventing their manipulation when door is closed.

SP 2058½M lock

for entrance doors

Govt. No. 86G

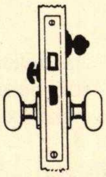


Latch bolt operated by knob from either side except when outside knob is locked by master key through inside cylinder, then by key outside, knob inside. When so specified, change key will operate inside cylinder.
Auxiliary latch deadlocks latch bolt preventing manipulation when door is closed.

SP 2024 lock *

for entrance doors and store rooms

Govt. No. 86FW

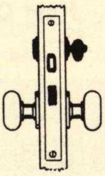


Latch bolt operated by knob either side.
Dead bolt operated by key outside and turn piece inside.

SP 2024½ lock

for communicating doors

Govt. No. 86M

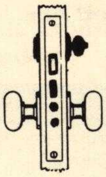


Latch bolt operated by knob either side.
Dead bolt by key either side.
Note — Operation similar 86M except deadbolt operated by key either side instead of turn pieces.

SP 2048½ lock

for special purposes —all types buildings

Govt. No. similar 86F

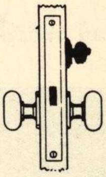


Similar to 86F except that deadbolt operated by key inside.
Latch bolt operated by knob either side, except when outside knob is locked by stop in front; then by key outside and knob inside.
Dead bolt operated by key both sides.

SP 2036 lock

for public toilets

Govt. No. 86DW

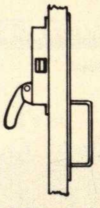


Latch bolt operated by knob inside and by key outside.
Outside knob rigid

- with Removable Mullion **PAIRS - - with Vertical Rod — Inactive Leaf**

SED 811 x SRM

Inside and Outside Operation

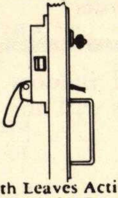


Both Leaves Active
Inside by Bar
Outside by Pull Handle when Bar is dogged

810H × 810H

SED 812 x SRM

Inside and Outside Operation

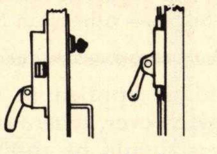


Both Leaves Active
Inside by Bar
Outside by Thumb Piece when not locked
Key locks Thumb piece

Govt. No. 810H x 421 (with Thumb Piece) x 810

SED 810 x 821

Active Leaf Inactive Leaf



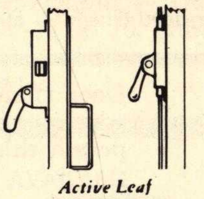
Active Leaf
Inside by Bar
Outside by Key and Pull Handle
Outside by Pull only when Bar is dogged

Inactive Leaf
Inside Operation Only by Bar

Govt. No. 810H x 421 x 821

SED 811 x 821

Active Leaf Inactive Leaf



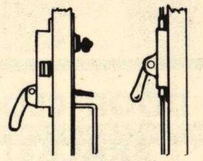
Active Leaf
Inside by Bar
Outside by Pull Handle when Bar is dogged

Inactive Leaf
Inside Operation Only by Bar

Govt. No. 810H x 439 x 821

SED 812 x 821

Active Leat Inactive Leaf



Active Leaf
Inside by Bar
Outside by Thumb Piece when not locked
Key locks Thumb Piece

Inactive Leaf
Inside Operation Only by Bar

810H x 421 (Thumb Piece)x 821

CYLINDRICAL — CU

Russell & Erwin .... 400 Series
Corbin .... 400 Series
Schlage .... C and D Series
Lockwood .... H Series
Yale and Towne .... 5400 Series

MORTISE — MU

Russell & Erwin .... 2000 Series
Corbin .... 7300, 7500, 7700 and 7900 Series
Sargent .... 7700 Series
Yale & Towne .... 8000 Series (with a few exceptions)
Lockwood .... 5100 Series

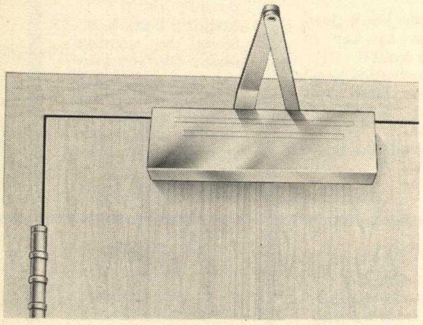
HARDWARE for Models "CU" and "MU"

Where Hardware is by others — Request Form HD 958 for proper application

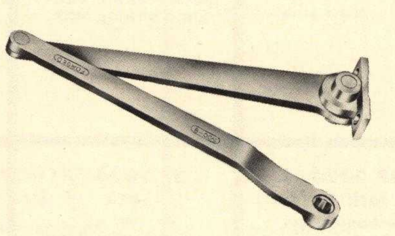
DOOR CLOSERS — several types and quality ranges

Dusing and Hunt offers the architect, engineer, builder or owner a wide selection of door closer types. All are of highest quality manufacture for many years of heavy duty service. These closers are furnished in several price ranges and in a variety of finishes on which your dealer can give you full information. Also a complete line of brackets and arms for various situations. See closer application chart.

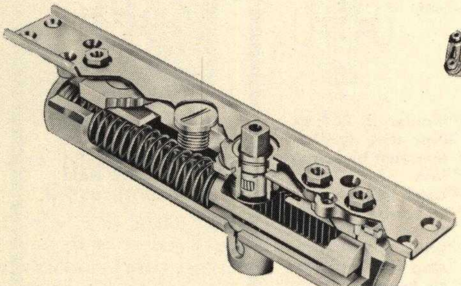
SC-500 Series



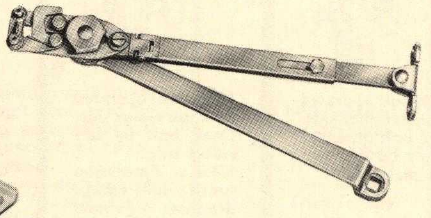
With Standard Arm



Hold Open Arm

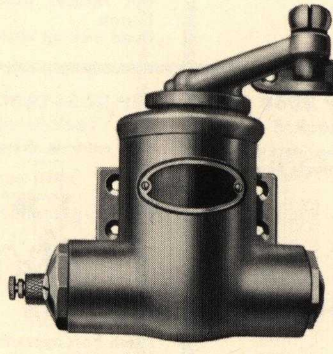


Cutaway of SC-500



Fusible Link Arm

SC-A Series



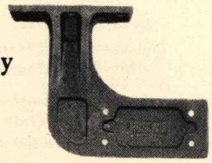
With Standard Arm

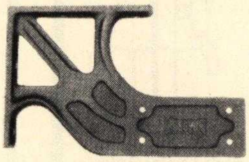
Closer Size 3 — For Doors to 3070
Closer Size 4 — For Doors to 3870
Closer Size 5 — For Doors to 4080
Standard Finish — Maroon Bronze — others on Special Order

DOOR CLOSER BRACKETS

Door closers should be applied to door and indoors whenever possible. However, where conditions will not permit this, brackets should be specified.

SC-BS soffit bracket
To be used where bracket can only be applied to head of frame.

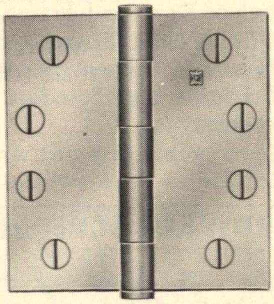




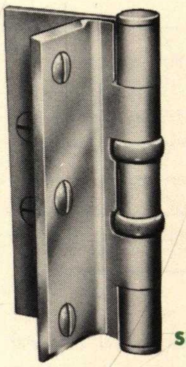
SC-BC corner bracket
To be used where conditions prevent application of closer to door — exterior outswinging doors, transverse wall situation that prevents door opening 90° or for appearance.

TEMPLATE HINGES

Full mortise, 4½" x 4½", are standard for pressed steel frames — 3 hinges are furnished per jamb.



full mortise
SH 500 SERIES



4½" half mortise is used where it is necessary to install doors in structural frames. Several types and finishes can be furnished.

half mortise
SH 600 SERIES

SH-500 Full Mortise Govt. No. T-2014½P
Non-rising loose pin, 5 knuckle, bonderized and primed for paint.

SH-501 Full Mortise Govt. No. T-2010½P
Non-rising pin, 5 knuckle, 2 ball bearings, wrought steel, bonderized and primed for paint. Recommended for exterior openings.

SH-502 Full Mortise Govt. No. T-2010½
Same as SH-501 but with US 10 dull bronze finish.

SH-600 Half Mortise
Non-rising pin, 5 knuckle, 2 ball bearings, primed for paint.

SH-601 Half Mortise
Same as SH-600 with US 10 Dull Bronze. finish

Other finishes available on special order.

MORTISE FLUSH BOLTS

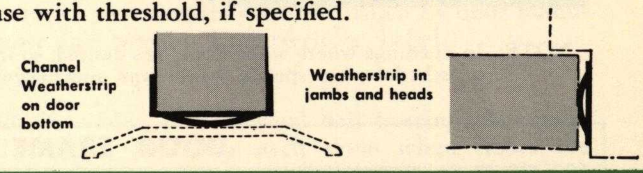
SFB Govt. No. 1045

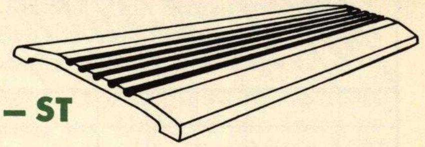
Lever Type — Cast Bronze 12" — Mortised in Edge of Door.

Standard Finish — Dull bronze — US 10. Other finishes available on special order.

WEATHERSTRIP — SW

Spring bronze, simple to install. Attaches to head and side jambs of frame with adhesive backing. For bottom of door, channel type weatherstripping is provided for use with threshold, if specified.


Channel Weatherstrip on door bottom
Weatherstrip in jambs and heads



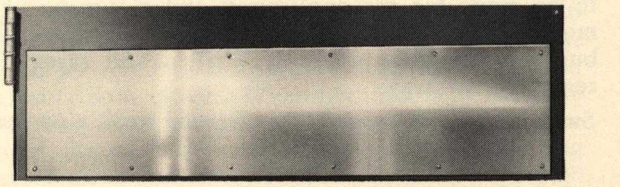
THRESHOLDS — ST

Extruded bronze or aluminum ½" high. 6" for PF-87, PF-77 and PF-67 frames, 4" for PF-55, PF-47 and PF-40 frames. *Be sure to indicate openings requiring thresholds so sill plates can be furnished.* Drilled, countersunk and provided with machine screws and rawl plugs.

KICK PLATES — SKP

Solid bronze, 8" high, 16 gauge. Furnished for hinge side only when specified. If required both sides, so indicate.

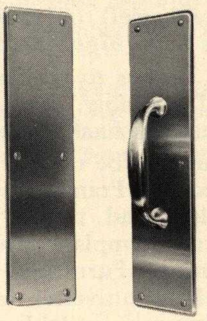
Standard finish — Dull Bronze, US 10. Other finishes available on special order.



PUSH AND PULLS
SP-1 and SP-2

Plates are 3½" x 14" wrought bronze. The pull handle is cast bronze.

Standard Finish — Dull bronze — US 10. Other finishes available on special order.



SP-1 SP-2

ALSO AVAILABLE

Door Stop and Holder — Cast Bronze	SSH
Push Bar — US 10	SB-1
Pull Bar — US 10	SB-2
Removable Mullion — Prime Coat	SR M
Coordinating Device — Cast Bronze, Polished..	SC-4539

D AND H

PyroDor

Specifications PROCEDURE

FOUR EASY STEPS

1. Select Type of Integral Door and Frame Unit desired.
2. Fill in Standard Specification Form below.
3. Select Door and Frame Types and Hardware items.
4. Fill in Door, Frame and Hardware Schedule as per facsimile shown. See Pages 14-17 for Hardware. Schedule and Standard Detail Sheets provided on request.

NOTE: In openings where wood doors are desired, so indicate on schedule, but specify frame type and hardware.

DOOR, FRAME AND HARDWARE SCHEDULE

ARCHITECTS TYPE NUMBER	MARK NUMBER	FRAME SECTION	FRAME ELEVATION	WALL CONSTRUCTION	JAMB OPG. WIDTH "W"	JAMB OPG. HEIGHT "H"	LABELED	COLD ROLLED OR ZINC COATED	MODELS CU, MU, SA	SINGLE SWING	PAIR	S-6 SILL PLATES	F5 FLOOR EXT. ANGLES	HINGE NUMBER	LOCK OR LATCH NUMBER	CLOSER NUMBER	BRACKET NUMBER	PANIC DEVICE NUMBERS	FLUSH BOLTS FOR INACTIVE LEAF OF PAIRS	PUSH PLATE NUMBER	PULL NUMBER	OTHER HARDWARE OR REMARKS

DUSING & HUNT CONSTRUCTION STANDARDS

PyroDor For all Underwriter's hourly rating (¾, 1½, 3 hours) and Underwriter's letter classifications (A,B,C,D or E).

Core to be constructed of solid, hydrous, calcium silicate with fibrous reinforcing having sufficient density to provide satisfactory structural values and sound reduction characteristic is of 35 decibels at average frequencies from 125 to 2000. Adequate provisions are to be made for the application and mounting of all mortise hardware by means of steel reinforcements built in the door assembly, drilled and tapped for template hardware.

Surface sheets to be stretcher leveled steel, zinc coated and bonderized. Surface sheets to be completely welded to framing channel around the entire perimeter of the door with no seams visible on edges or surfaces of doors. Sheets to be bonded to core with a waterproof resorcinol adhesive by the hot plate process under hydraulic pressure to effect a smooth flat surface.

After assembly, thoroughly clean all surfaces, applying primer and filler coats sanded smooth. Thereafter apply final rust inhibitive primer coat. Finish painting in field by painting contractor.

†D&H PRESSED STEEL DOOR FRAMES for both Wood and Metal Doors

Frames to be pressed steel 16 gauge (cold-rolled furniture steel) or (zinc coated and bonderized steel). *The latter highly recommended for masonry walls.*

All Frames to be designed and constructed for quick field assembly, providing a rigid, true, and accurate unit when finally assembled.

Frames to be of types detailed and called for in door schedule. Frames are to be adequately reinforced, drilled, and tapped for 1½ pair of 4½" x 4½" mortise template hinges, unless frames are for cased openings. Furnished with each door frame, a Dusing & Hunt universal bronze strike (other finishes for strikes are available as required) for type of lock or latch as may be later selected by architect. All mortise hardware to be located in accordance with the manufacturer's standards. Provide metal plaster guards for the protection of all mortise type hardware cutouts. Frame manufacturer to furnish with each door frame two rubber door silencers.

All frames to be provided with a minimum of three anchors per jamb. Anchors to be manufacturer's standard design suitable for wall construction indicated.

Furnish with each door frame a temporary removable spreader for attachment to bottom of each door frame. Provide suitable floor clips or angles, each having two holes to permit secure fastening of jambs to floor construction. Where frames are required to extend below finished floor, provide necessary floor extension angles as required. For all openings where raised saddles are required, furnish necessary saddle filler plates for attachment to door jambs which must be attached prior to setting of door frames.

Frames in solid plaster partitions, in addition to being provided with standard wall anchors, are to be also supplied with the manufacturer's standard ceiling struts.

Frames are to be thoroughly degreased after fabrication and then given a coat of manufacturer's standard rust-inhibiting primer.

Frames having transom openings, side lights or multiple units of frames are to be shipped to the job as subassemblies for final field assembly in accordance with the manufacturers details and instructions furnished.

RECOMMENDED ARCHITECTS' SPECIFICATIONS

For PyroDor Integral Door and Frame Units

MODELS "CU" AND "MU"

¾ to 1½ Hr. Class B, C, D and E Labels
Single Doors up to 48″ x 96″, Pairs 90″ x 96″

Furnish Dusing and Hunt .... (Specify Model "CU" or "MU") PyroDor Integral Units, complete with doors, frames and hardware, as called for on drawings and in schedule, or approved equal.

DOORS

Doors to be of designs as indicated on schedule and are to bear Underwriters' Labels. For D&H PyroDor Construction Standards — See Page 18*.

Doors used in Class "B" and "D" situations shall be 1½ hour test with maximum temperature rise of 250° Fahrenheit. Doors in Class "C" and "E" situations, with large glass openings shall be 45 minute test.

FRAMES

Frames to be Dusing and Hunt pressed steel door frames of types and sizes indicated. Design and construction to be in accordance with Dusing and Hunt's standards for construction of metal door frames.
See page 18.†

HARDWARE **when supplied by D&H**

Furnish hardware as called for in schedule. All locks and latches to be heavy duty Russwin or equal. Finish as specified. (Specify if locks are to be masterkeyed.) Panic devices, closers, push and pulls, and other hardware items to be as specified in schedule. (Refer to Dusing and Hunt Catalog pages 14-17 for type numbers.)

NOTE TO ARCHITECTS: If hardware is furnished by others, Contractors for Hardware should be advised that all Hardware must conform to D and H Standards for application. This is fully described in the D and H Form HD-958, available from all distributors.

MODEL "SA"

3 Hr. Class "A" Underwriters' Labeled
Single Doors up to 48″ x 84″, Pairs 72″ x 84″

Where shown on plans or called for on Door Schedule, furnish D & H Model "SA" PyroDor Integral Units bearing 3 hour Class "A" Fire Door Underwriters' Label. Temperature rise @ 250° F. max. in 30 minutes.

DOORS

Doors to be D & H Type 30 full flush design, 1¾″ thick, and are to bear Class "A" Underwriters' Label. For D & H PyroDor Construction Standards — See Page 18.*.

FRAMES

Frames to be Dusing and Hunt pressed steel door frames of types and sizes indicated. Design and construction to be in accordance with Dusing and Hunt's standards for construction of metal door frames.
See Page 18.†

All frames to bear Underwriters label for an inspected metal door frame. When ½″ high saddles are required, state type and width required.

(OPTIONAL — Structural Channel Frames may be substituted provided they are furnished by door manufacturer and bearing Underwriters' Label.)

HARDWARE

HINGES — 1½ pair of steel ball bearing, full mortised 4½″ x 4½″ for each door when doors are mounted in pressed steel door frames — SH-501 primed for paint or SH-502 dull bronze plated U.S. 10 finish. SH-600 or SH-601 half mortise 4½″ hinges are furnished with channel frames. See Page 17.

LOCKS AND LATCHES — For single swinging doors or active doors of pairs, any Underwriters listed or approved cylindrical or mortise type may be used (all functions except those with dead lock only). Locks or latches having a ⅝″ throw latch bolt are acceptable for single swing doors; however, for doors in pairs, the latch bolt must be ¾″.

For available functions of locks see Pages 14-15.

FLUSH BOLTS — Inactive or stationary doors of pairs must be supplied with approved mortised top and bottom flush bolts. When both doors are active, then automatic self-latching mortised flush bolts are to be supplied in place of hand operated flush bolts.

DOOR CLOSERS — Underwriters Laboratories, Inc., including Insurance Rating Bureaus, as well as Building Code Authorities, require that all Class "A" 3-Hour (Model "SA") fire doors be automatic self-closing. Single swinging and active doors of pairs must be provided with approved fuse-link automatic self-closing door closers. When both doors of pairs are active, fuse-link automatic self-closing door closers are required for each door. In addition, a coordinating device of an approved type must then be provided to permit the one door to close ahead of the other door. Dusing and Hunt can furnish fuse-link automatic door closers. See Page 16. Coordinating devices can also be supplied (Dusing and Hunt Stock Number SC 4359 should be specified).

NOTE TO ARCHITECTS: If hardware is furnished by others, Contractors for Hardware should be advised that all Hardware must conform to D and H Standards for application. This is fully described in the D and H Form HD-958, available from all distributors.

MODEL "STP"

3 Hr. Class "A" Underwriters' Labeled
Single Swing Door up to 48″ x 84″
Removable 2″ Transom Bar and Stationary Transom Panel
Clear Opening Height 120″

Where indicated on plans or called for in Door Schedule, furnish D and H Model "STP" PyroDor Integral Unit complete with Door, Frame, Removable Transom Bar and Transom Panel, (Hardware to be same as Model "SA").

D AND H

PyroDor FRANCHISED DISTRIBUTORS

Since additional distributors may be added, for city or territory not listed below consult "yellow pages" of your local telephone directory or write our Home Office at Leroy, N. Y.

ALABAMA

Birmingham
Metal Door & Supply Co.
112 South 21st St.
Phone Alpine 2-1931

ARKANSAS

Little Rock
John F. Brett & Co.
315 W. Markham Street
P.O. Box 1204
Phone Franklin 5-4928

CALIFORNIA (and ARIZONA)

Los Angeles
Durand Door Supply, Inc.
6445 Fleet Street
Phone Overbrook 5-8330

San Francisco
Durand Door Supply, Inc.
850 South Van Ness Avenue
Phone Atwater 8-2989

COLORADO (and WYOMING)

Denver
W. Ray Crabb, Inc.
3600 E. 40th Avenue
Phone Dutley 8-4123

CONNECTICUT

Darien
Hardware Sales Co., Inc.
390 Post Road
Phone Oliver 5-2521

West Hartford
Builders Hardware, Inc.
593 New Park Avenue
Phone Adams 6-1255

FLORIDA

Jacksonville
Bond-Howell Lumber Co.
515 East Ninth Street
P.O. Drawer 3067
Phone Elgin 6-2646

Pensacola
Standard Hardware Co.
100 South Pace Blvd.
P.O. Box 1047
Phone Hemlock 2-7881

Tampa
LaHayne Builders' Products
4701 N. Westshore Blvd.
P.O. Box 7006
Phone RE. 7-5761

GEORGIA

Atlanta
Gilsteel, Inc.
2730 Apple Valley Road
Phone Cedar 3-6779

Augusta
Slusky Builders Supplies, Inc.
1009 Broad Street
Phone Park 2-4477

HAWAII

Honolulu
Lewers & Cooke, Ltd.
404 Piikoi Parkway
P.O. Box 2930
Phone 5-1961

IDAHO

See Denver, Colorado

ILLINOIS

Villa Park
(Chicago Area)
The UniDor Co.
700 North Iowa Street
Phone Terrace 2-8380

INDIANA

Indianapolis
Stackhouse Bldg. Specialties, Inc.
1314 West Washington St.
P.O. Box 5507 - Haughville Sta.
Phone Melrose 2-8503

IOWA

Des Moines
Kennedy and Co.
110 S. E. 6th Street
Phone Cherry 3-1135

KANSAS

Wichita
Building Specialties & Equipment Co.
1727 East Second Street
Phone Amherst 5-2821

KENTUCKY

Louisville
Alfred L. Schiller
213 West Market Street
Phone Juniper 3-0612

LOUISIANA

New Orleans
Alumaglass Building Products, Inc.
739 S. Clark Street
P.O. Box 7037
Phone AUdubon 0844

MARYLAND

Baltimore
Albert Gunther, Inc.
36 West Biddle Street
Phone Vernon 7-7437

MASSACHUSETTS

West Newton
(Boston Area)
William Davies Co., Inc.
1463 Washington
Phone Decatur 2-2500

MICHIGAN

Detroit
Contractors Hardware Co.
603 E. Milwaukee
Phone Trinity 4-0330

Kalamazoo
Bond Supply Co.
524 North Rose Street
Phone Fireside 2-0184

MINNESOTA (and N. DAKOTA and S. DAKOTA)

Minneapolis
Crown Iron Works, Inc.
1229 Tyler Street, N. E.
Phone Sterling 9-3556

MISSISSIPPI

Jackson
John B. Howard Co.
600 Monument Street
P.O. Box 4505
Phone 4-2346

MISSOURI

Kansas City
(and E. Kansas)
Builders Specialty Co.
3234 Forest Street
Phone Logan 1-8108

St. Louis
Melcher-Schene Hdwe & Lumber Co.
4800 Natural Bridge
Phone Evergreen 3-6789

MONTANA

See Denver, Colorado

NEBRASKA

Omaha
Simpson-Goodwin Co.
4403 Florence Blvd.
Phone Pleasant 7500

NEW JERSEY

Jersey City
William H. Stevens Co.
188 Railroad Avenue
Phone Henderson 2-1400

NEW MEXICO

(See Denver, Colo.)

NEW YORK

Albany
Ramloc Stone Co.
1055 Broadway
Phone 3-2800

Buffalo
Dusing & Hunt, Inc.
1927 Elmwood Avenue
Phone Delaware 7070

New York City
Elmer T. Hebert, Inc.
219 East 44th Street
Phone Murray Hill 7-5917

Rochester
Vanguard Fabricated Products Corp.
1160 Scottsville Road
Phone Idlewood 6-3434

Syracuse
B. R. Johnson & Son
5900 S. Salina Street
Phone Howard 9-3244

Watertown
B. R. Johnson & Son
127 N. Indiana Avenue
P.O. Box 312
Phone SU. 2-1320

NORTH CAROLINA

Charlotte
General Specialties Co.
1012 Woodward Avenue
Phone Franklin 5-1429

Wilmington
General Specialties Co.
P.O. Box 532
Phone Roger 3-2157

OHIO

Akron
Metal Window Products, Inc.
883 Packard Drive
Phone University 4-8383

Ashtabula
The Mitchell Hardware Co.
4712 Main Avenue
Phone Wyman 3-7661

Cincinnati
Norwood Hardware & Supply Co.
2114 Bennett Avenue
Phone Redwood 1-1832

Cleveland
Hutchison Material & Supply Co.
15519 Edgewood Avenue
Phone Montrose 2-8529

Columbus
Architectural Hardware, Inc.
800 West 3rd Avenue
Phone Axminister 4-4788

Dayton
Carl D. Himes, Inc.
317 S. Main Street
Phone BA 3-2208

Youngstown
Stambaugh Supply Co.
102 East Commerce Street
Phone Riverside 4-3184

OKLAHOMA

Oklahoma City
Murray R. Womble Co.
121 Northeast 26th Street
P.O. Box 3323
Phone Jackson 5-7417

Tulsa
Murray R. Womble Co.
216 East 16th Street
Phone Luther 4-2414

OREGON

Eugene
Mercer Steel Co., Inc.
P.O. Box 3344
Phone Diamond 4-4238

Portland
Mercer Steel Co., Inc.
2636 N. W. 26th Avenue
Phone Capital 6-2511

PENNSYLVANIA

Erie
Builders Hardware & Specialty Co.
32nd and Hazel Streets
Phone UN. 4-3091

Philadelphia
MacKay and Walls, Inc.
60 Sherbrook Blvd.
Phone Clearbrook 9-5666

Pittsburgh
Tom Brown, Inc.
Library Rd. & Killarney Drive
Phone Tuxedo 4-2121

RHODE ISLAND

Providence
G. Fred Swanson, Inc.
618 Cranston Street
Phone Gaspee 1-0788

SOUTH CAROLINA

Columbia
General Specialties Co.
P.O. Box 1133
Phone Sunset 7-0402

TEXAS

Beaumont
Buie Building Material Co.
P.O. Box 5412
Phone Terminal 8-5636

Dallas
Samuel A. Ellsberry Co.
3136 Routh Street
Phone Riverside 7-0671

El Paso
Architectural Products Co., Inc.
506 E. Yandell Blvd.
Phone Keystone 3-9547

Fort Worth
Samuel A. Ellsberry Co.
2831 Crockett Street
Phone ED. 2-2107

Houston
Buie Building Material Co.
7400 Washington Avenue
P.O. Box 1315
Phone Underwood 4-7781

UTAH

Salt Lake City
Rio Grande Lumber Co.
540 West 2nd South
Phone Empire 4-7876

VIRGINIA

Richmond
The Staley Co.
2205 Tazewell Street
Phone Milton 4-4539

WASHINGTON

Seattle (and Alaska)
Building Specialties, Inc.
North 36th St. & Greenwood Ave.
Phone Melrose 3-4000

Spokane
Hardware Wholesalers, Inc.
West 7 Sinto Avenue
P.O. Box 5033
Phone Fairfax 8-2121

WEST VIRGINIA

Charleston
West Virginia Steel Corp.
900 Brooks Street
P.O. Box 2511
Phone Dickinson 6-0601

WISCONSIN

Green Bay
La Force Builders Hardware Co.
347 So. Washington Street
Phone Hemlock 7-0541

Milwaukee
Biersach & Niedermeyer Co.
1937 No. Hubbard Street
Phone Franklin 4-4000

CANADA

Quebec
Montreal
D. D. Millar & Associates
Suite 216
1440 Tower Street
Phone WE. 3-7074

Distributors in Principal Cities. Consult the Yellow Pages, or write direct.

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Form No. DHS-2060

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